

## **REMARKS**

### **Summary of the Office Action**

Claims 1-5 stand rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 4, 351, 411 to Inoue (hereinafter "Inoue").

### **Summary of the Response to the Office Action**

Applicants have added new claims 6-11 to differently describe the invention. Claims 1-5 are cancelled without prejudice or disclaimer. Accordingly, claims 6-11 are now pending.

### **Rejection under 35 U.S.C. § 102(b)**

Claims 1-5 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Inoue. This rejection has been rendered moot by the cancellation of claims 1-5. Accordingly, withdrawal of such rejection is respectfully requested.

### **New Claims 6-11**

Applicants have added new claims 6-11 to differently describe the invention. Newly-added independent claim 6 recites a speaker diaphragm combination including "a metallic plate attached to a heat radiating side of the diaphragm for radiating heat generated in the voice coil, voice coil bobbin and diaphragm."

As discussed in the specification at page 2, lines 1-3 from the bottom and page 3, lines 2-4, improving or facilitating the heat radiation from the voice coil, voice coil bobbin and the diaphragm is a primary purpose of the Applicants' invention. As discussed at page 4, lines 17-20

of the specification, the metallic plate is provided for this purpose. In other words, the Applicants' invention includes an element for cooling the voice coil, voice coil bobbin and diaphragm.

Applicants respectfully submit that while Inoue applies a metal plating onto both the front and back sides of the diaphragm, as well as separately provided rib portions, in order to increase the rigidity of the diaphragm, Inoue does not refer at all to the issue of heat radiation from the voice coil, voice coil bobbin and diaphragm. Accordingly, Applicants respectfully submit that Inoue does not teach, or even suggest, an element for radiating heat generated in, and thus cooling, the voice coil, voice coil bobbin and diaphragm.

As a result, Applicants submit that new claims 6-11 are allowable over the prior art of record in this application.

### CONCLUSION

In view of the foregoing, Applicants respectfully request reconsideration and the timely allowance of the pending claims 6-11. Should the Examiner feel that there are any issues outstanding after consideration of this response, the Examiner is invited to contact Applicants' undersigned representative to expedite prosecution.

**EXCEPT** for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§ 1.16 and 1.17 which may be required,

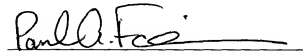
including any required extension of time fees, or credit any overpayment to Deposit Account 50-0310. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR EXTENSION OF TIME** in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

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Dated: January 2, 2003

By:



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